

FIGURE 1

NORMAL/LFA-1 DEFICIENT CELL
ADHESION

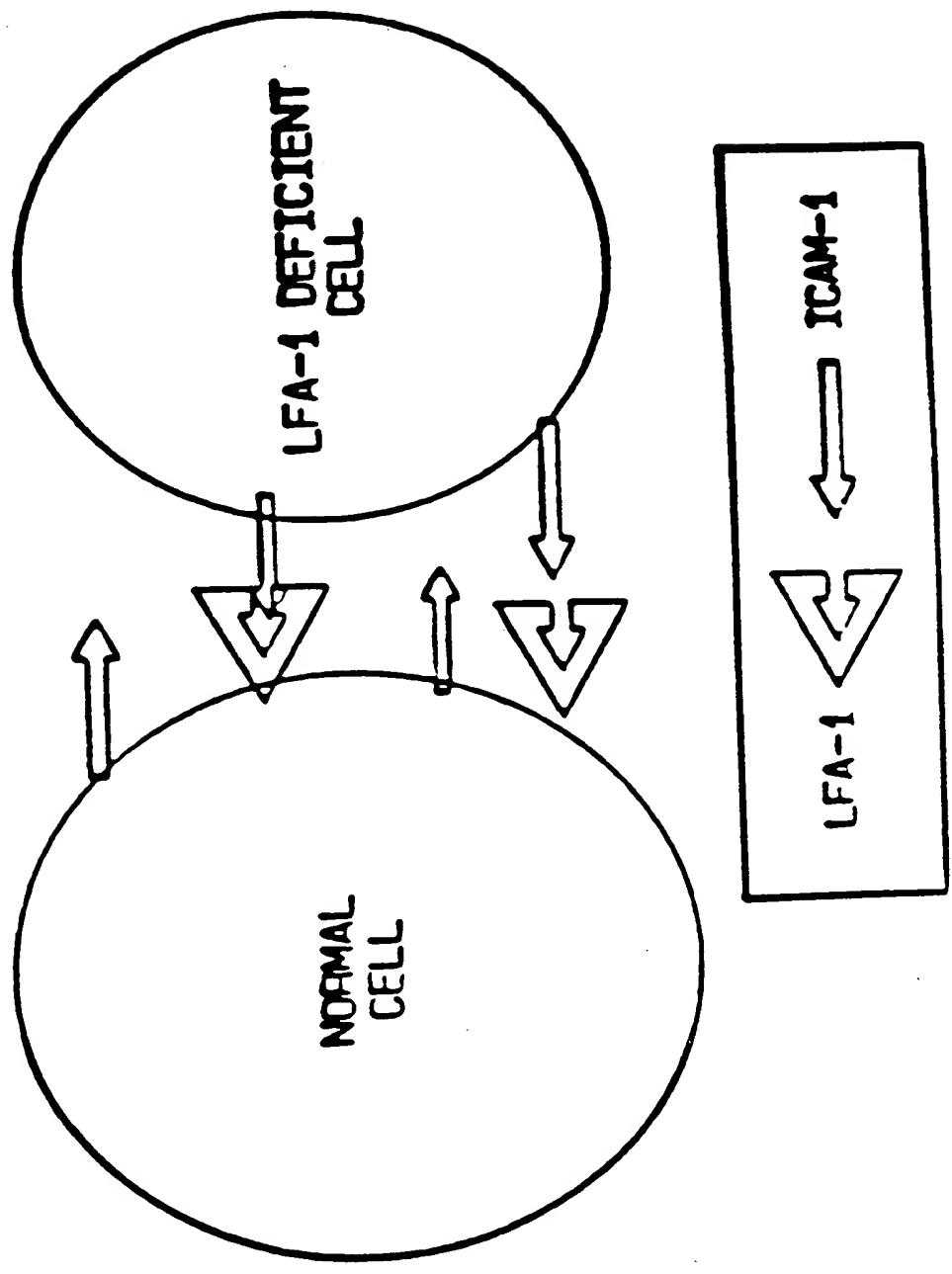
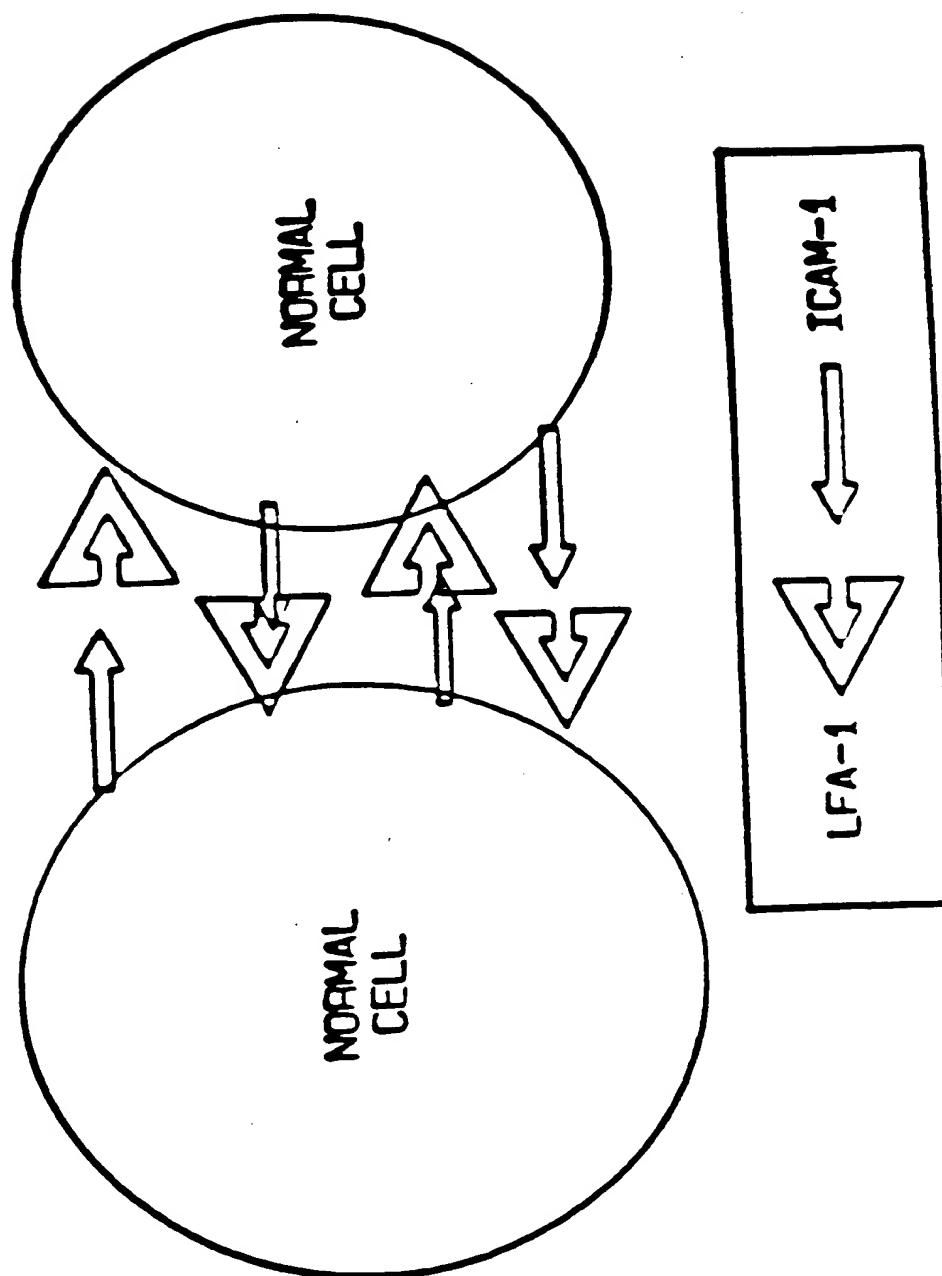
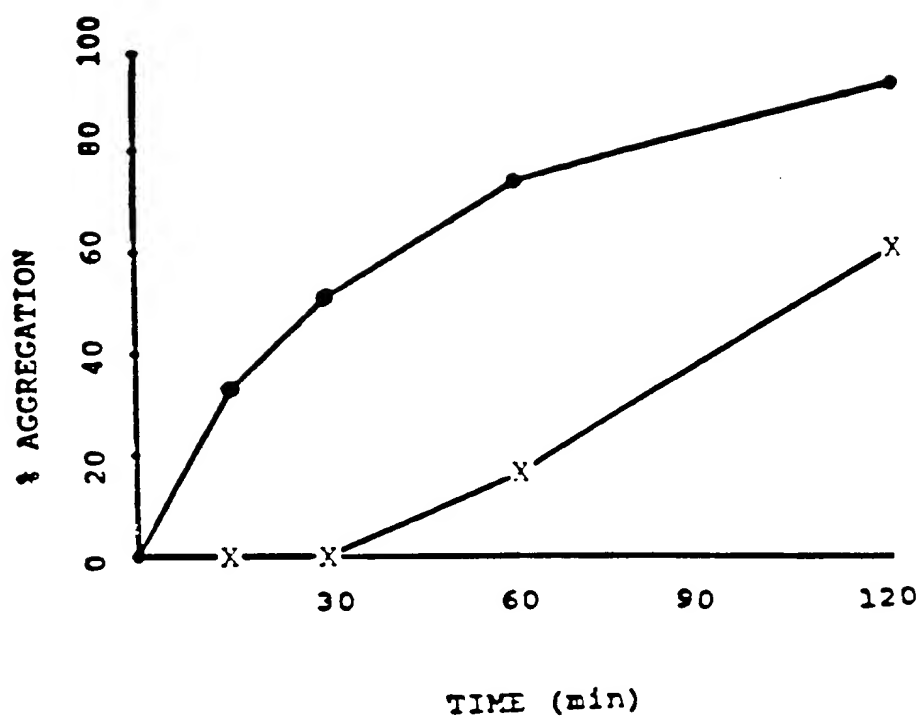


FIGURE 2

NORMAL/NORMAL CELL
ADHESION

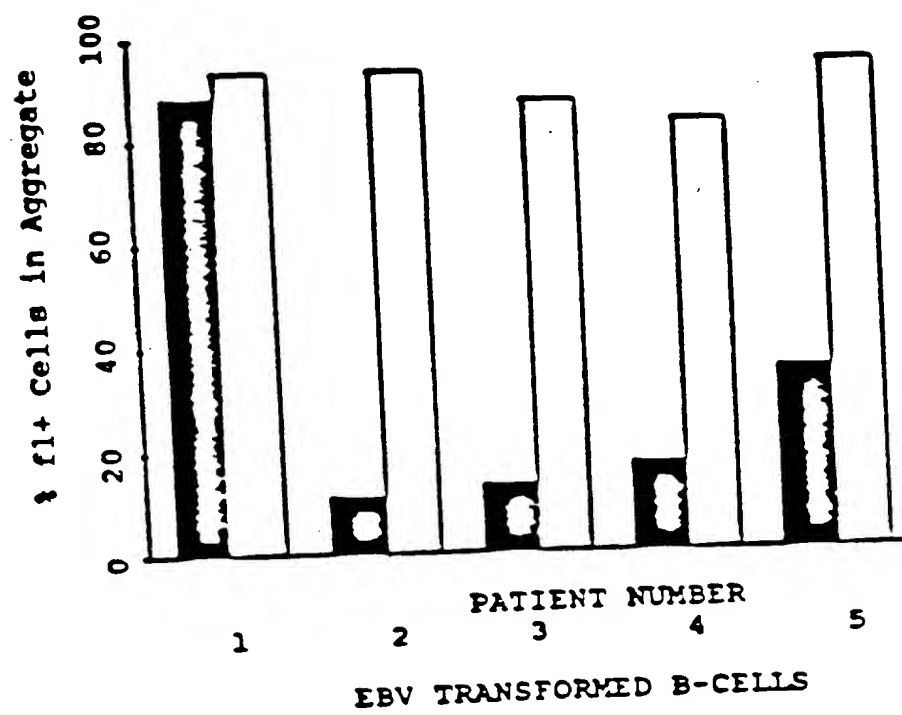
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FIGURE 3



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FIGURE 4



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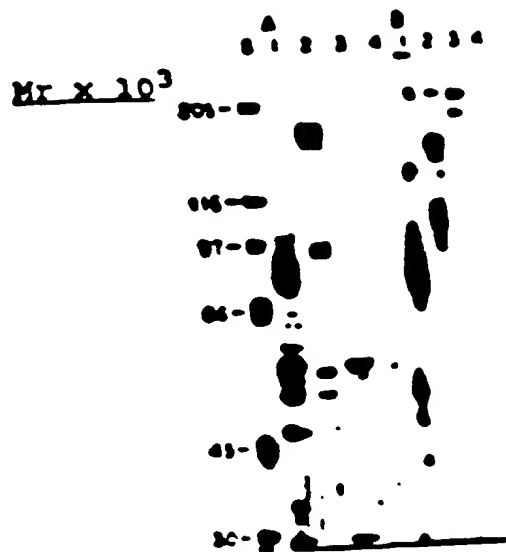


FIGURE 5

125I-SPECIFIC BINDING (cpm x 10)

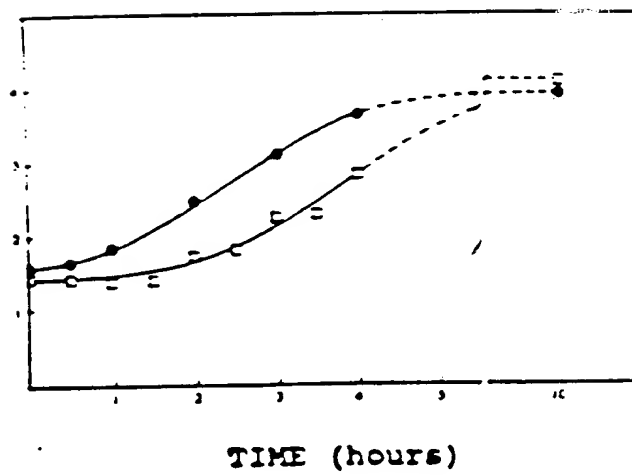


FIGURE 6

FIGURE 7

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^{125}I -SPECIFIC BINDING (cpm $\times 10^{-3}$)

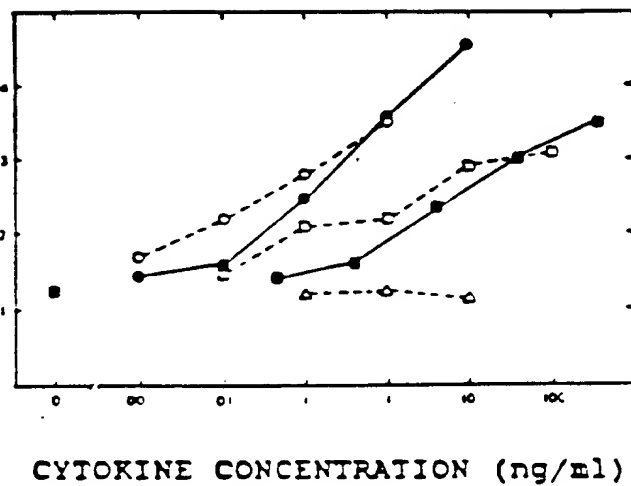


Figure 8

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M A P S S P R P A L P A L L V L L G A L F P G P G N A Q T S 3

GTG TOE CCC TCA AAA GTC ATC CTG CCC CGG GGA GGC TOE GTG CTG GTG ACA TOE ACC ACC TOE TGT GNC CAG CCC AAG TTG TTG GGC ATA 237
V S P S K V I L P R G G S V L V T C S T S C D O P K L L G I 33

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M C Y S N C P D G Q S T A K T F L T V Y W T P E R V E L A P 93

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I V I I T V V A A V I M G T A G L S T Y L Y N R Q R K I K 483

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AAAAAAAAAAAAAAAAAAAAAAAAAAAA 3'

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[illegible]

100M-1 89-163 (021)
 206-292 (031)
 204-264 (031)

D. 1

POLVSP RVLEVDTOGTVPF - - - SL - - - DZLPPV SFA - OVHIAI - MORIN - TTVTYCNDOSFSAKASVSVTAEN - F - CTDR - LCTM - VILGNOSQET - OTVTI - IS
PIANFADTFLSRSARTIC - LVTDLT - TYS - LUM - ISMA - SHNGRA - L - DTHAN - I - L - F - SH - F - NAT - I - S - M - GE - S - Y - C - A - R - D - M - E - S - G - E - N - - F - I - C - I - V - - THADLPPPU - - R - N - F - I - S - S - E - S

(1004-1 197-282(M))
(MC 230-118(M))

C. H.

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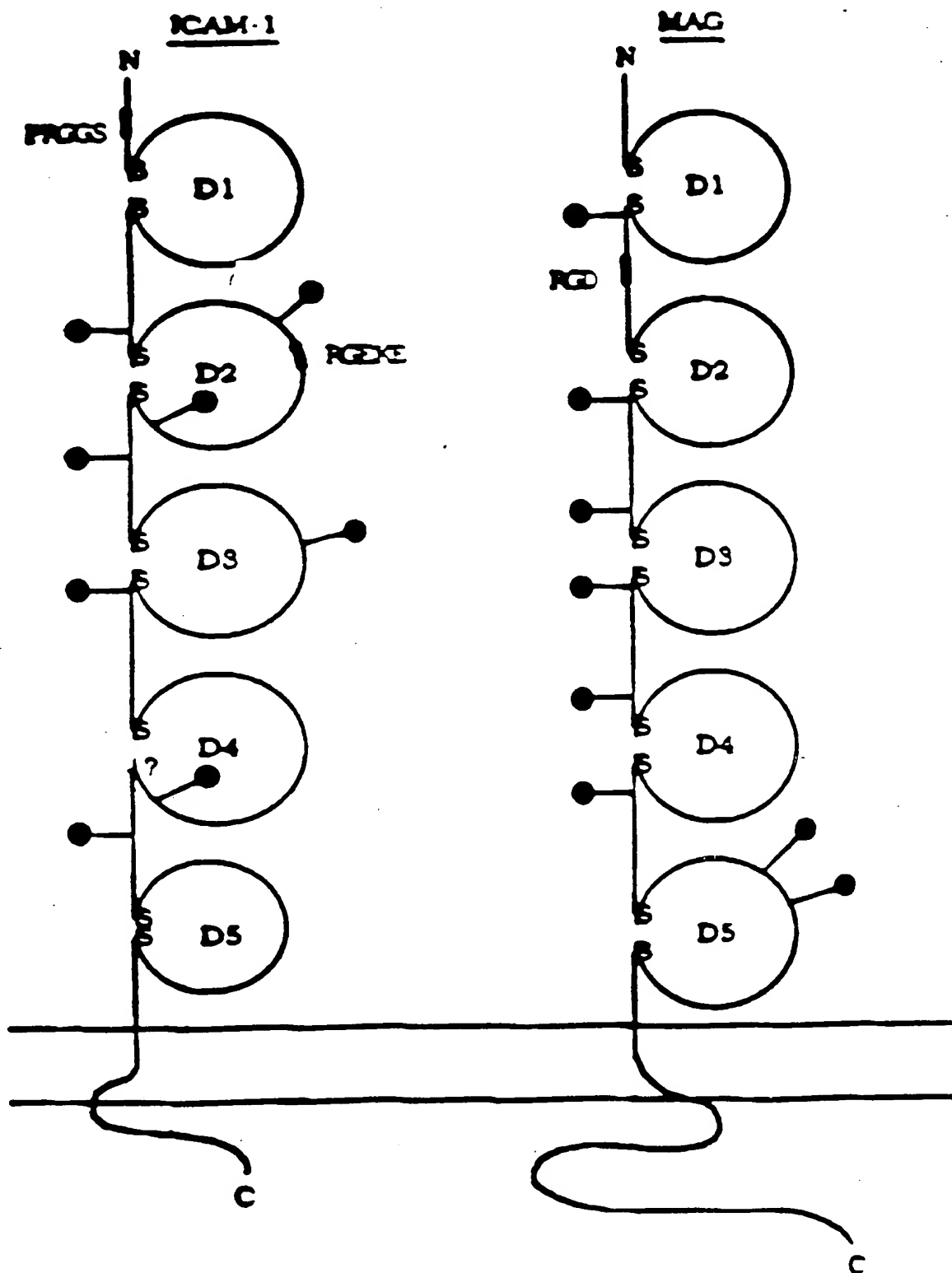


Figure 10

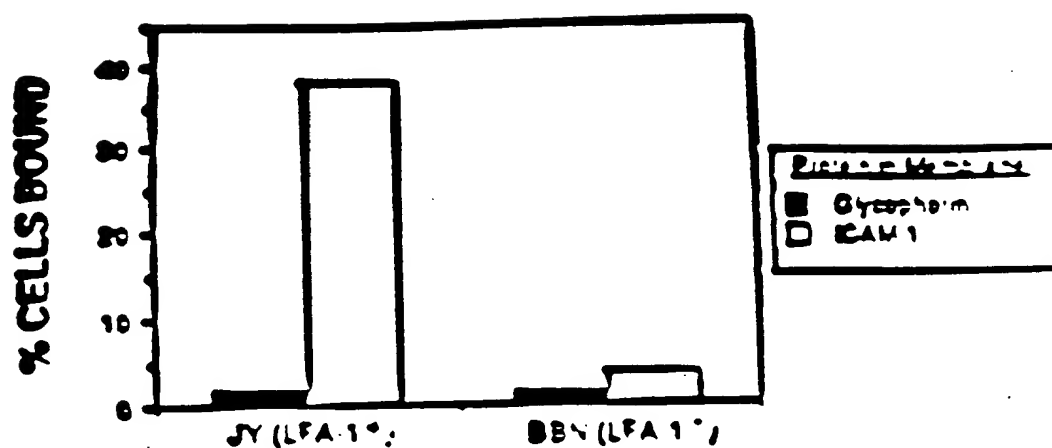


Figure 11 LFA-1 positive EBV-transformed B-lymphoblastoid cells bind to ICAM-1 in planar membranes.

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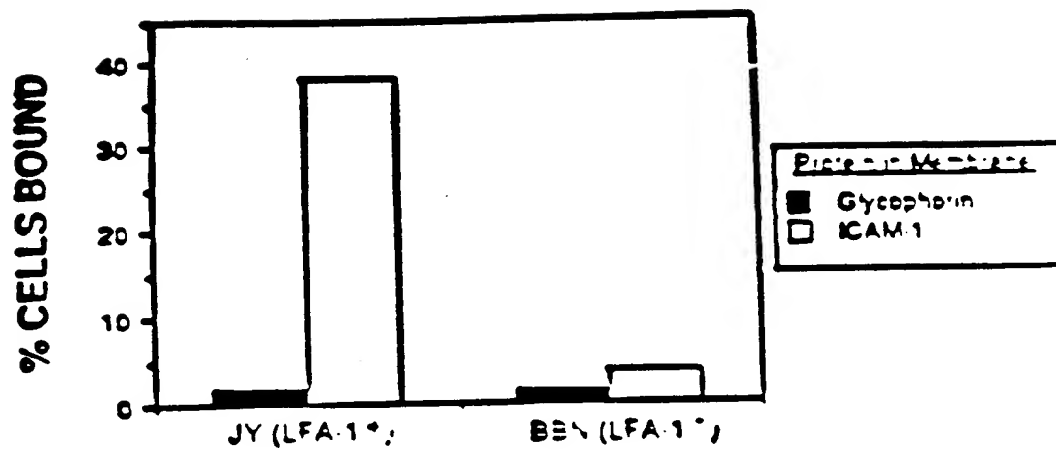


Figure 12 LFA-1 positive EBV-transformed B-lymphoblastoid cells bind to ICAM-1 in planar membranes.

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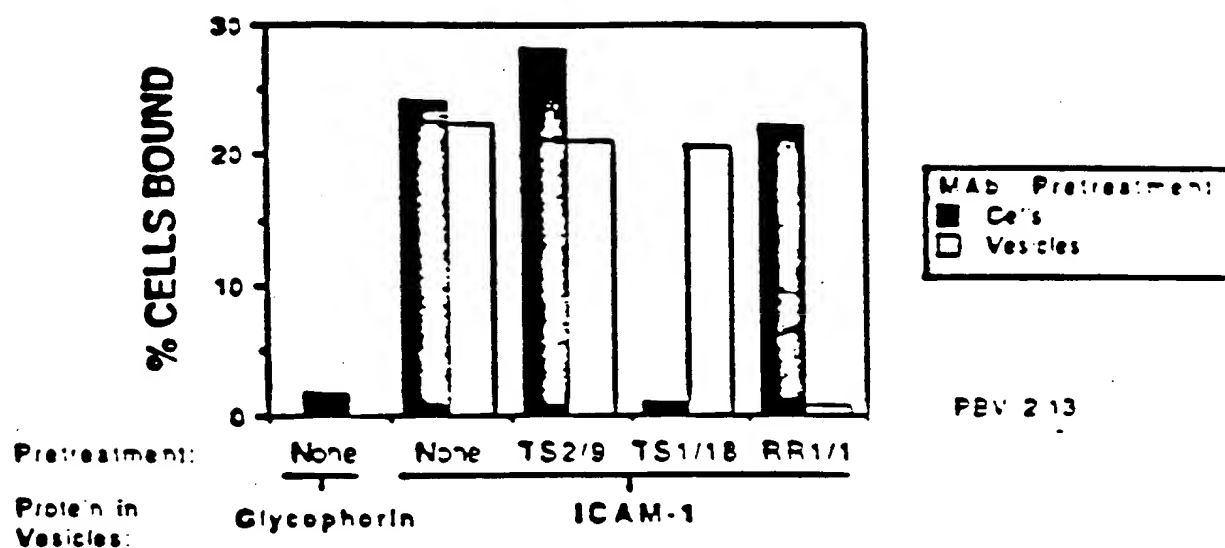


Figure 13 Inhibition of binding of JY B-lymphoblastoid cell binding to ICAM-1 in plastic-bound vesicles by pretreatment of cells or vesicles with monoclonal antibodies.

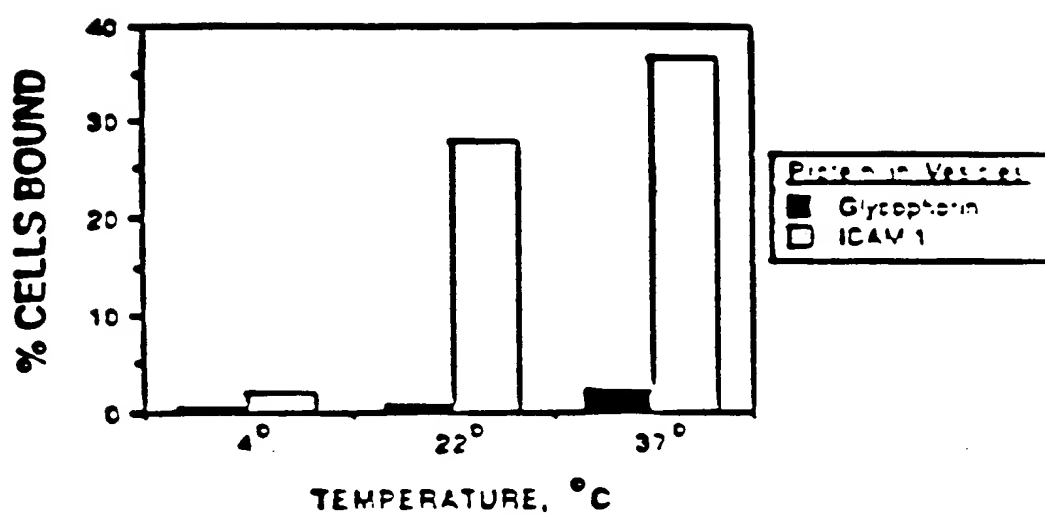


Figure 14 Effect of temperature on binding of T-lymphoblasts to ICAM-1 in plastic-bound vesicles.

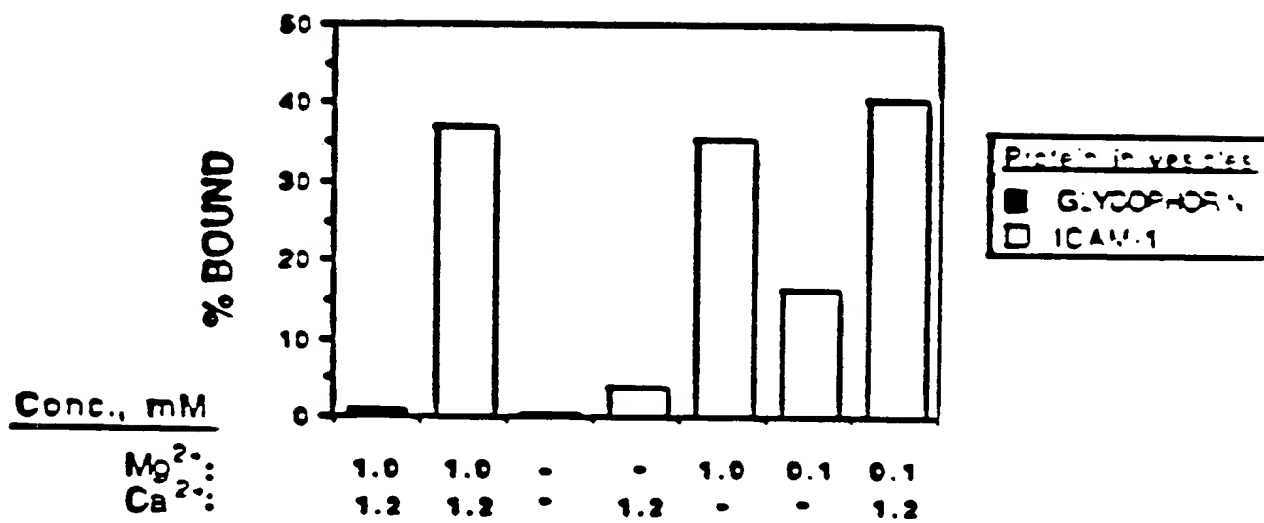
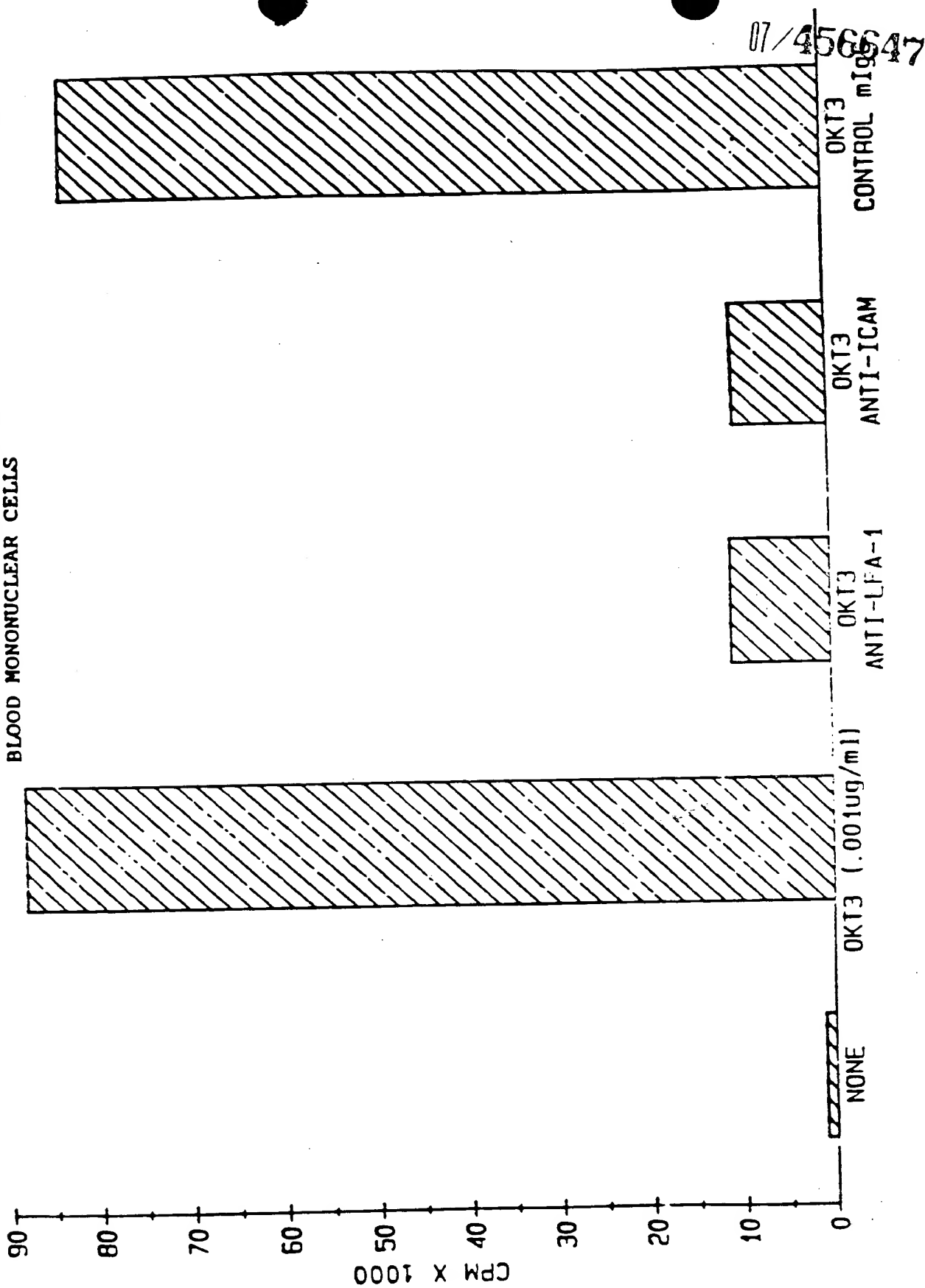
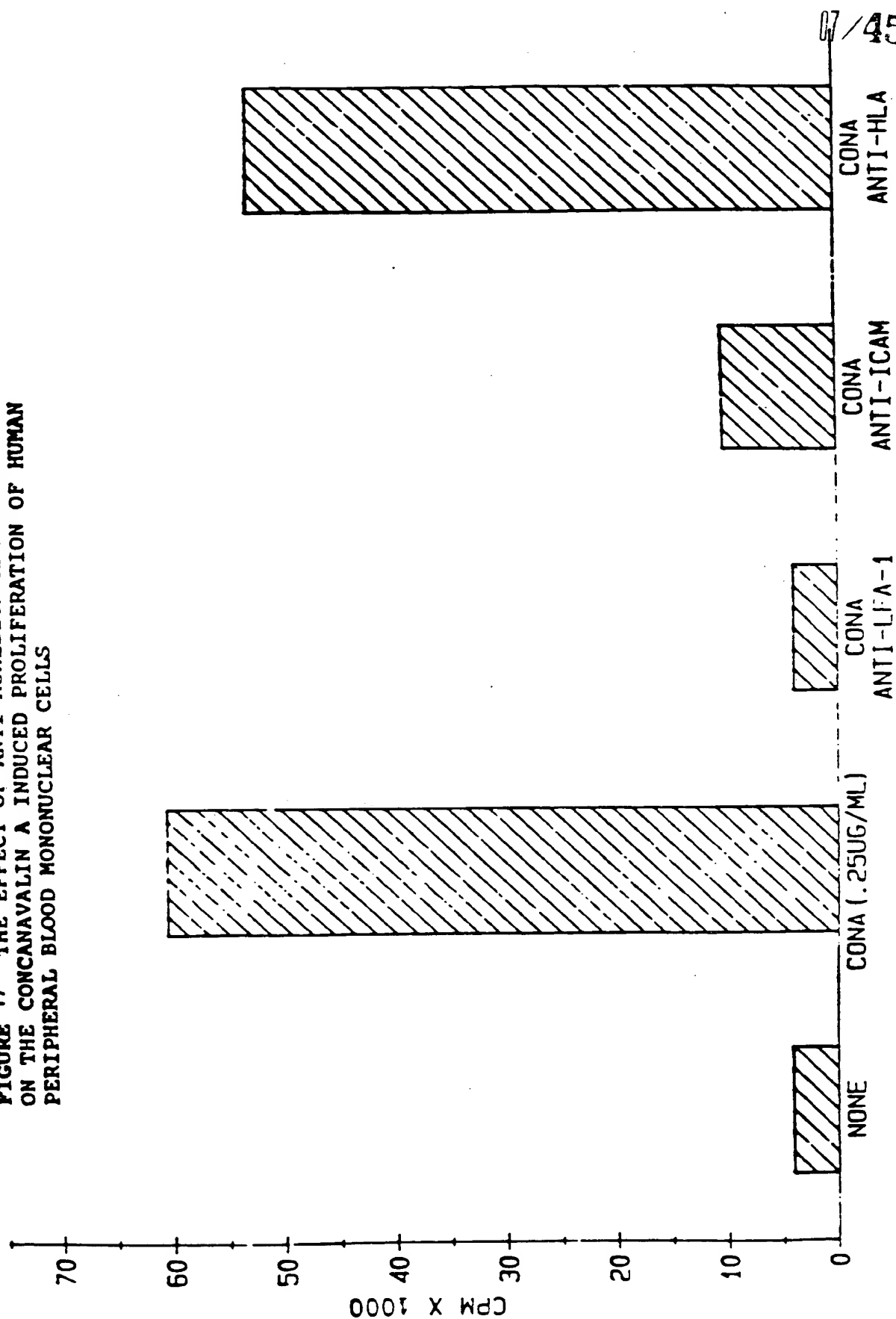


Figure 15 Divalent cation requirement for binding of T-lymphoblasts to ICAM-1 in plastic-bound vesicles.

FIGURE 16 THE EFFECT OF ANTI-ADHESION ANTIBODY
ON THE OKT3 INDUCED PROLIFERATION OF HUMAN PERIPHERAL
BLOOD MONONUCLEAR CELLS

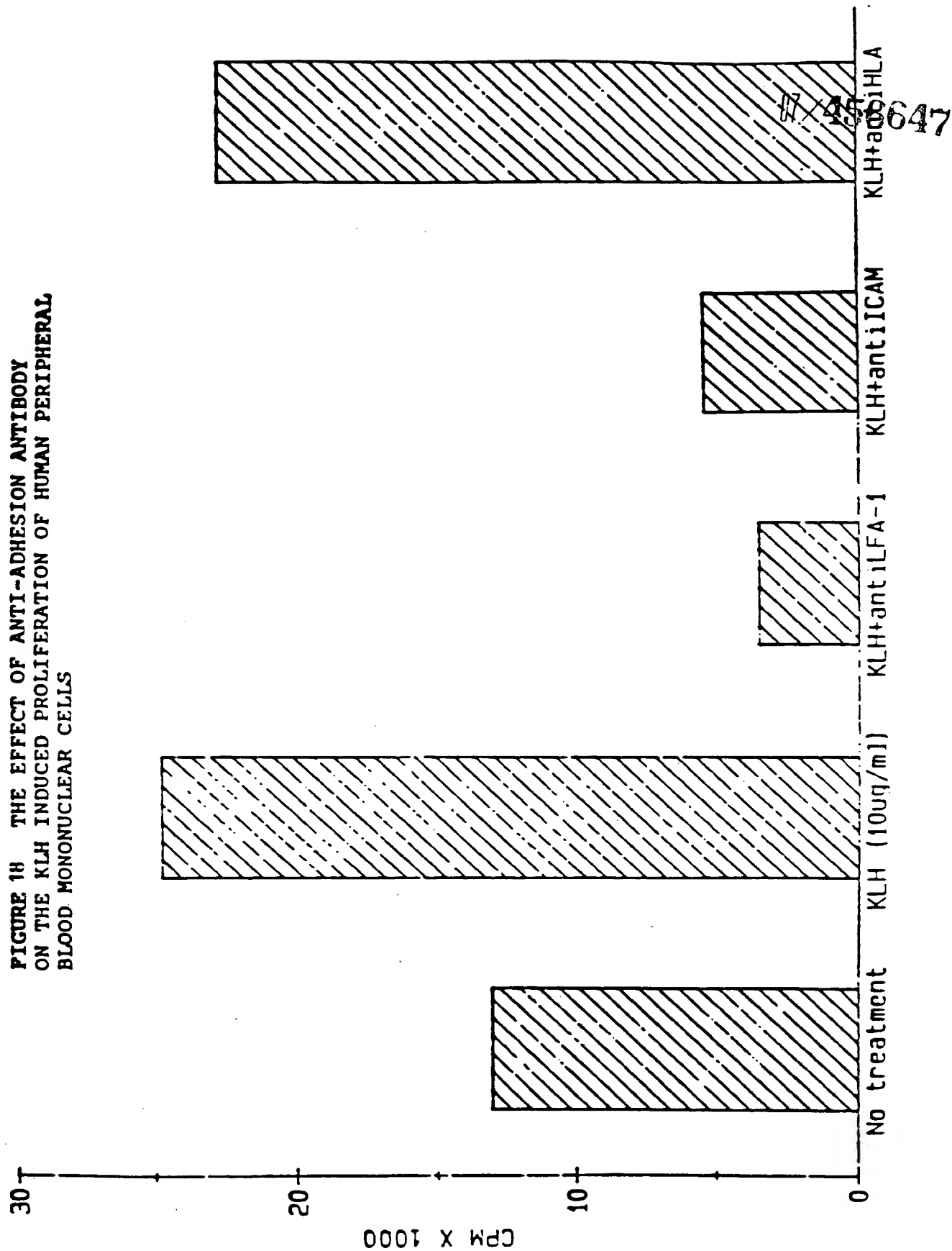


**FIGURE 17 THE EFFECT OF ANTI-ADHESION ANTIBODY
ON THE CONCAVALIN A INDUCED PROLIFERATION OF HUMAN
PERIPHERAL BLOOD MONONUCLEAR CELLS**

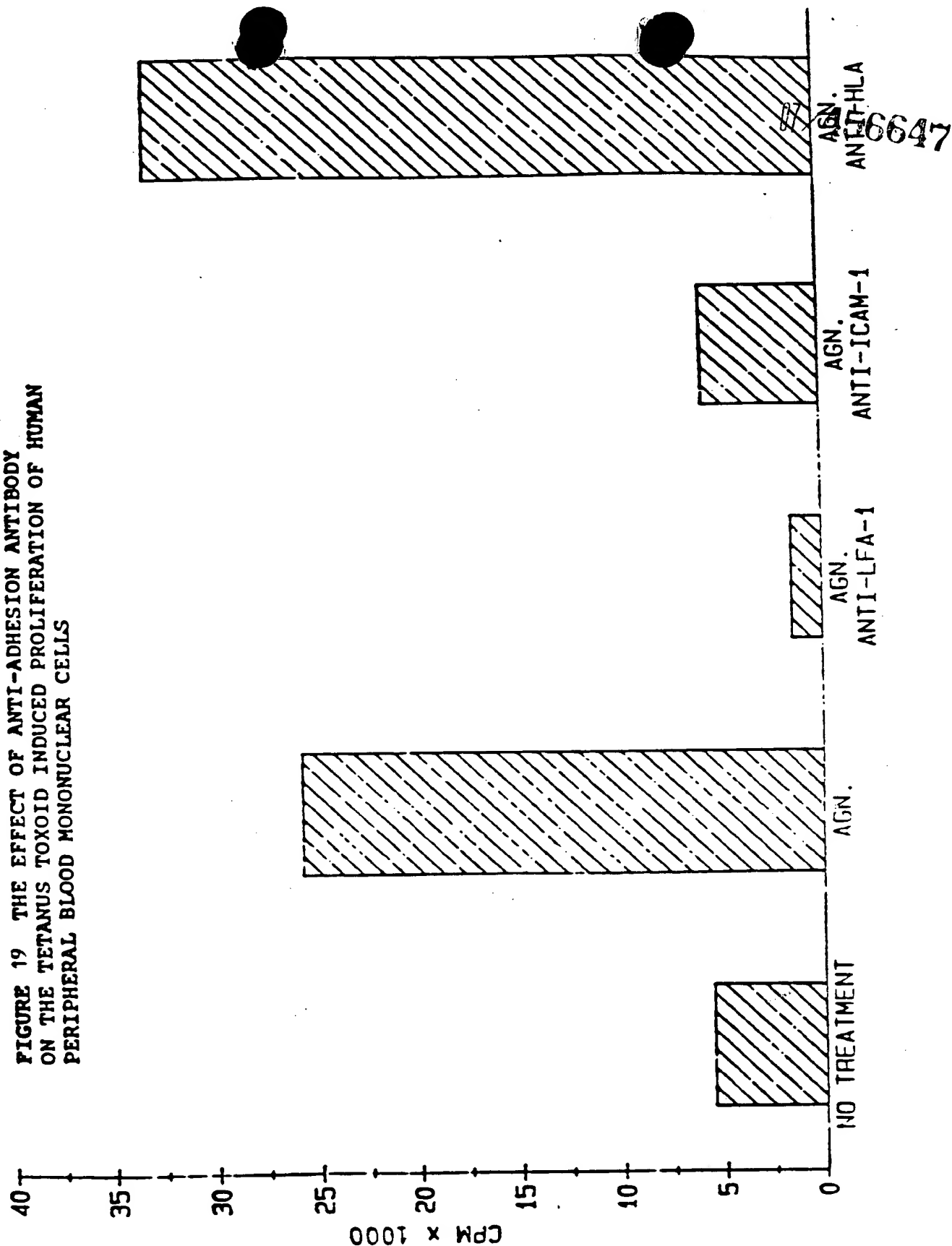


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**FIGURE 18 THE EFFECT OF ANTI-ADHESION ANTIBODY
ON THE KLH INDUCED PROLIFERATION OF HUMAN PERIPHERAL
BLOOD MONONUCLEAR CELLS**



**FIGURE 19 THE EFFECT OF ANTI-ADHESION ANTIBODY
ON THE TETANUS TOXOID INDUCED PROLIFERATION OF HUMAN
PERIPHERAL BLOOD MONONUCLEAR CELLS**



ICAM Amino Terminal Domain Homology

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ICAM-2 EVHVRPKLA VSR-SLEVNCST
 mu ICAM-1 QVSIHPREAFLPQGGSVQVNCSS
 mu ICAM-1 QTSVSPSKVI LPRGGSVLVTCST
 KA AGL EA E

TCNQPEVGGLETSL-NKILLDE
 SCKEDLSSTGLTQWLKDELESG
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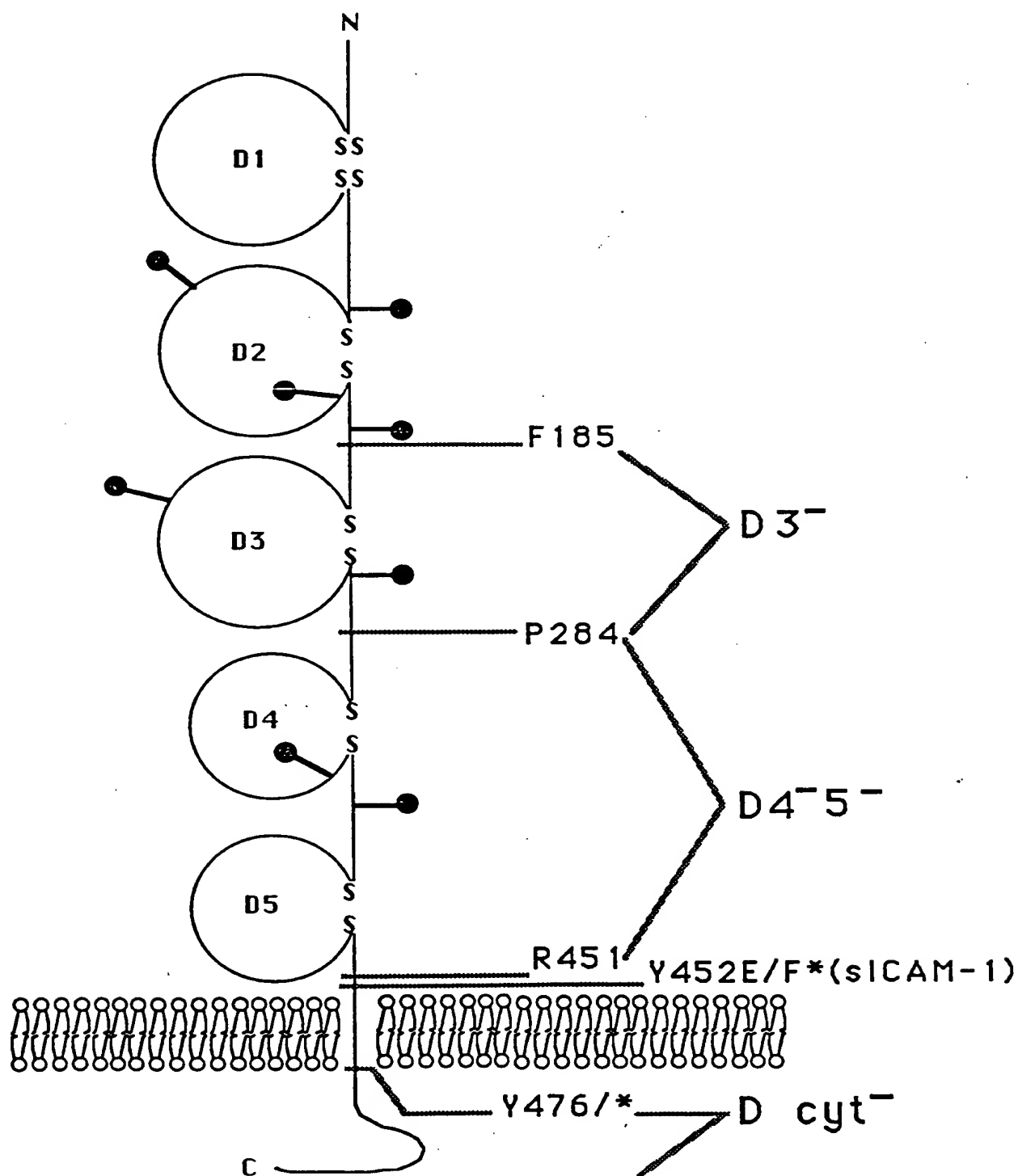
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 AKDI
 H KL
 N

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 H

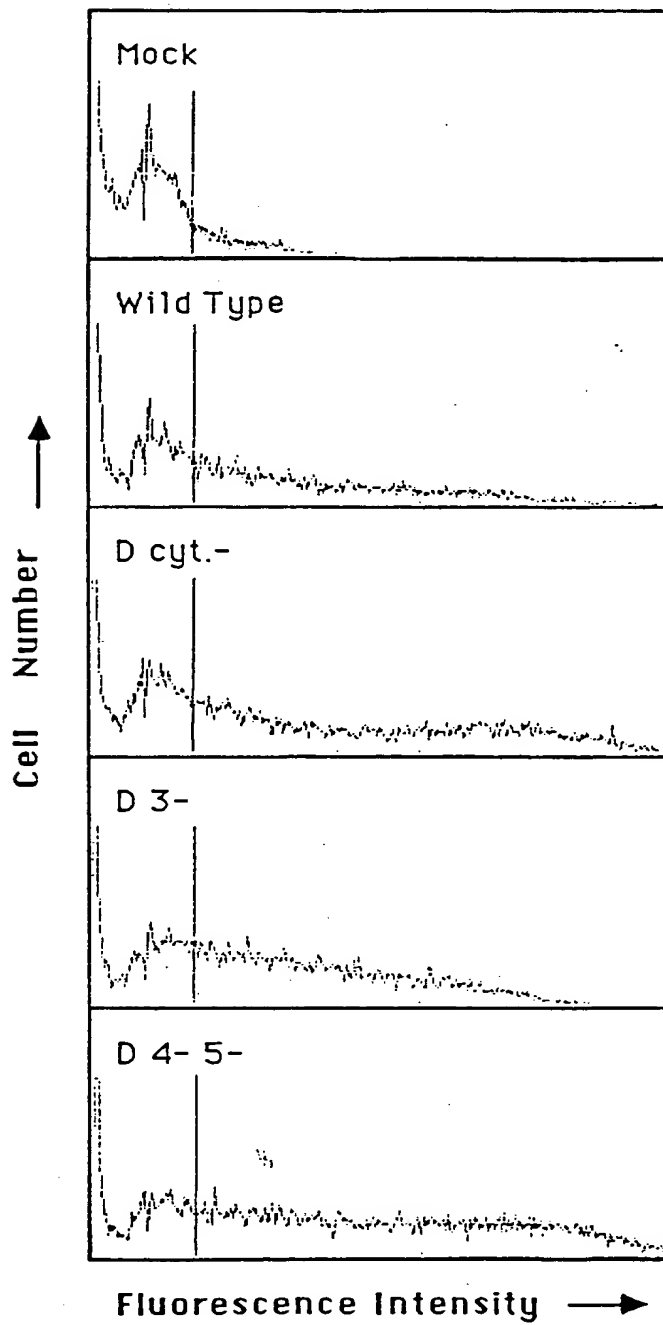
Figure 20

ICAM-1 Deletion Mutants

Figure 2B
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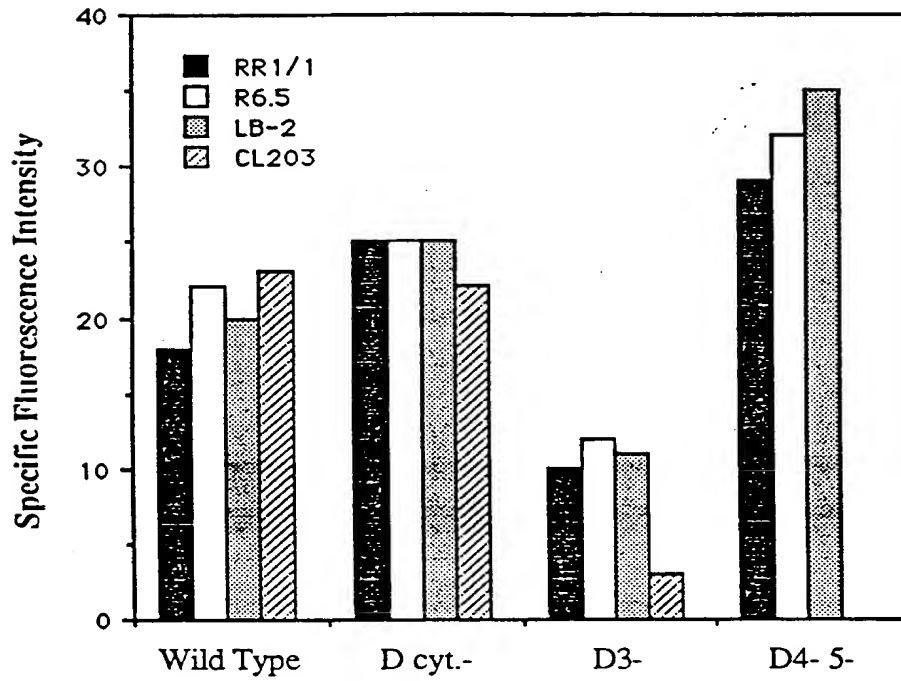


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Figure 22



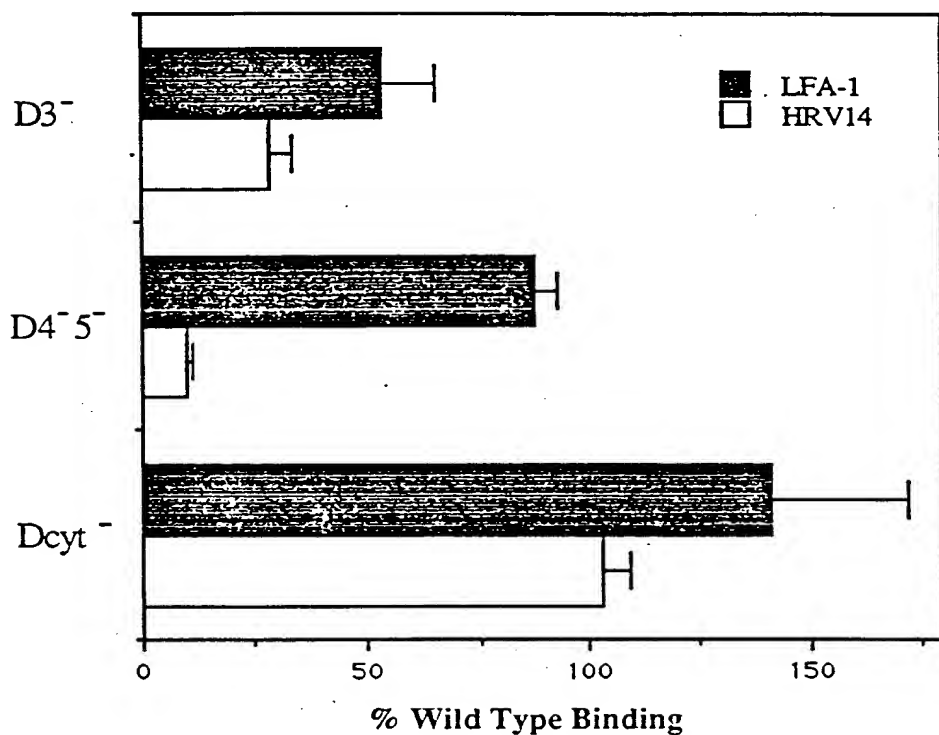
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Figure 23



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Figure ~~26~~
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Figure 2A
25

